Via EFS Attorney Docket No.: 16534-539001US

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APPLICANTS:

Levy, et al.

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Janet L. Epps-Smith

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ART UNIT:

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For:

METHODS OF USING SUBSTITUTED TETRACYCLINE COMPOUNDS TO

MODULATE RNA

Mail Stop AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

This paper is submitted in response to the Final Office Action mailed on December 22, 2009 ("Office Action") in the above-identified patent application. Applicants are filing this Response within the shortened statutory period set to expire on February 22, 2010. Specifically, Applicants are filing this Response within two-months of the mailing date of the final Office Action.

Applicants believe no fees are due, however, the Commissioner is hereby authorized to charge any such additional fee(s), or to credit any overpayment, to Deposit Account No. 50-0311, Reference No. 16534-539001US, Customer Number: 30623.

Amendments to the Claims begin on page 2.

Remarks/Arguments begin on page 51.